

PATENT  
Attorney Docket No.: 434818  
Express Mail Label No.: EV413241791US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s)	Paul M. Meaney, et al.	Examiner	Not Yet Assigned
Serial No.	Not Yet Assigned	Group Art No.	Not Yet Assigned
Filed	Herewith	Confirmation No.	Not Yet Assigned
For	Imaging By Magnetic Resonance Adsorption, Elastography And Tomography		

March 28, 2005

Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97(b), or  
(Within three months of filing national application, or date of entry of national application, or before mailing date of first office action on the merits, whichever occurs last)
- ☐ under 37 CFR 1.97(c) together with either a:
  - ☐ Statement under 37 CFR 1.97(e), or
  - ☐ a \$180 fee under 37 CFR 1.17(p), or  
(After the CFR 1.97(b) time period, but before final action or notice of allowance, which ever occurs first)
- ☐ under 37 CFR 1.97(d) together with a:
  - ☐ Statement under 37 CFR 1.97(e)(1) or (2), and
  - ☐ a \$180.00 fee set forth in 37 CFR 1.17(p).  
(Filed after final action, a notice of allowance, on or before payment of issue fee)

Please charge to Deposit Account 12-0600 the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 12-0600 pursuant to 37 CFR 1.25.

☒ Applicant(s) submit herewith Form PTO 1449 – Information Disclosure Citation together with copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of the application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

☐ A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individual(s) designated in 37 CFR 1.56(c) most knowledgeable

10/529451  
JC06 Rec'd PCT/PTO 28 MAR 2005

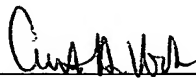
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about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counter part foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith

It is requested that the information disclosed herein be made of record in this application

Respectfully submitted,

LATHROP & GAGE LLC

  
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**Complete if Known**

<b>Application Number</b>	Not Yet Assigned
<b>Filing Date</b>	Here with
<b>First Named Inventor</b>	Paul M. Meaney
<b>Art Unit</b>	Not Yet Assigned
<b>Examiner Name</b>	Not Yet Assigned
<b>Attorney Docket Number</b>	434818

Sheet	1	of	2
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[illegible][illegible]Date  
Considered

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449B/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 2 of 2

Complete if Known

Application Number	Not Yet Assigned 29451
Filing Date	Herewith
First Named Inventor	Paul M. Meaney
Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned
Attorney Docket Number	434818

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Minghua, XU, et al "RF-Induced Thermoacoustic Tomography" Second Joint EMBS-BMES Conference 2002, Conference Proceedings, 24th, Annual International Conference Of The Engineering In Medicine And Biology Society, Annual Fall Meeting Of the Biomedical Engineering Society, Houston, TX, Oct. 23-26, 2002, Annua, Vol. 1 of 3. Conf.24, 23 October 2002, pages 1211-1212, XP010620033, ISBN: 0-7803-7612-9	
		Muthupillai, et al. "Magnetic Resonance Elastography By Direct Visualization Of Propagating Acoustic Strain Waves" Science, American Association For the Advancement of Science, US Vol. 269, No. 5232, 29 September 1995, pages 1854-1857, XP000560135 ISSN: 0036-8075	
		Weaver, John B., et al. "Magnetic Resonance Elastography Using 3D Gradient Echo Measurements Of Steady-State Motion" Medical Physics, American Institute of Physics, New York, US, Vol. 28, No. 8, August 2001, pages 1620-1628, XP012011543, ISSN: 0094-2405	
		Schwarzmaier, H-J, et al. "Magnetic Resonance Imaging Of Microwave Induced Tissue Heating" Magnetic Resonance In Medicine, Academic Press, Duluth, MN, US, Vol. 33, No. 5, 1 May 1995, pages 729-731, XP000620374, ISSN: 0740-3194	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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